



# Rigidur for off-site applications

## Material Safety Data Sheet

### Health & Safety

#### 1. Identification of the substances / preparation and company

**Rigidur H, Rigidur H ACTIVair and Rigidur H LITE**  
 Supplier British Gypsum  
 East Leake  
 Loughborough  
 Leicestershire  
 LE12 6HX  
 Telephone 0844 800 1991  
 Email bgtechnical.enquiries@bpb.com

**Recommended uses:** Rigidur H / Rigidur H ACTIVair and Rigidur LITE are gypsum fibreboards designed for interior drywall construction.

This information reflects typical values and is not a product specification.

#### 2. Hazards identification

THE MOST IMPORTANT HAZARDS ARE:

This product is not classified as dangerous according to CHIP.

Dust from sawing or sanding may irritate the respiratory system, skin and eyes.

#### 3. Composition / information on ingredients

**General composition:** Calcium sulphate dihydrate and fibres of recycled paper; expanded perlite (Rigidur LITE only).

**Safety phrases:** S26, S28, S36, S39, S51, S62, S63, S64

#### 4. First aid measures

- Eye contact** S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Skin contact** S28 - After contact with skin, wash immediately with plenty of soap and water.
- Ingestion** S62 - If swallowed, do not induce vomiting, seek medical advice immediately and show this document.  
 S64 - If swallowed, rinse mouth with water (only if the person is conscious).
- Inhalation** S63 - In case of accident by inhalation, remove casualty to fresh air and keep at rest.
- General** Get medical attention if any symptoms persist.

#### 5. Fire fighting measures

The product does not pose a fire hazard. However, some packaging materials may burn.

Suitable extinguishing media – water, foam, carbon dioxide or dry powder.

#### 6. Accidental release measures

Not applicable.

#### 7. Handling and storage

**Use** – Minimise dust generation when sawing or sanding in poorly ventilated places. Avoid eye contact - see Section 8 for recommended personal protective equipment and Section 3 for hazards identification.

Rigidur H / Rigidur H ACTIVair and Rigidur LITE will not support body weight between rafters, joints or frame members.

**Manual handling** – Sheets of Rigidur H / Rigidur H ACTIVair and Rigidur LITE can be unwieldy, use an appropriate lifting technique. The weight of each sheet can vary between products. For manual handling purposes assume the following nominal weights:

Rigidur weights:

Board	Board thickness mm	Board width mm	Board length mm	Board weight kg	Pallet weight tonnes
Rigidur LITE	10	1200	2400	29	1.7
	10	1200	2700	32	1.9
	10	1200	3000	36	2.1
	12.5	1200	2400	36	1.6
	12.5	1200	2700	41	1.8
Rigidur H / Rigidur H ACTIVair	12.5	1200	3000	45	1.5
	10	1200	2400	35	1.9
	10	1200	2700	39	1.7
	10	1200	3000	43	1.9
	12.5	1200	2400	43	1.9
	12.5	1200	2700	49	2.1
	12.5	1200	3000	54	2.3
	15	1200	2400	52	1.7
	15	1200	2700	58	1.9
	15	1200	3000	65	1.7
18	1200	2400	63	1.3	
18	1200	2700	71	1.5	
18	1200	3000	79	1.7	

**NB** All weights are approximate.

**Mechanical handling** – The dimensions of the pallet vary depending on the product size. To avoid potentially overloading a lift truck, it is important that any effect on load centres is considered. The nominal weight of each palletised load is given within the weights table in this section of this document.

**Storage** – Store on pallets supplied in dry conditions. To maintain stability, place pallets on firm level ground, and ensure that stacks are both level and vertical.

**NB** When working with individual boards, only work from a single pallet, not a stack.

## Health & Safety (continued)

### Pallet stacking heights

The maximum stack heights on level concrete floors and vertical stacks are as follows:

Board width mm	Board length mm	Pallet stack height packs
1200	2400	6
1200	2700	6
1200	3000	7

### 8. Exposure control / personal protection

#### Workplace Exposure Limit

Substance	Total inhalable	Respirable
Plaster	10mg/m <sup>3</sup> 8hr TWA	4mg/m <sup>3</sup> 8hr TWA
Quartz (silica)	–	0.1mg/m <sup>3</sup> 8hr TWA
Man Made Mineral Fibres (MMMMF)	5mg/m <sup>3</sup> 8hr TWA (gravimetric method)	–

#### Personal protection

**Respiratory** S51 - Use only in well ventilated areas.  
S39 - Wear eye / face protection.  
Face masks to *EN 149 FFP2*.

**Skin** S36 - Wear suitable protective clothing.

**Eye** S39 - Wear eye / face protection.  
Eye protection to *BS EN 166*.

### 9. Physical and chemical properties

**Appearance** Solid flat sheet in a beige colour.

### 10. Stability and reactivity

No special physical conditions need to be avoided. No specific restrictions regarding incompatible materials.

### 11. Toxicology information

No known toxicological effects.

### 12. Ecological information

Stable product with no known adverse environmental effects.

### 13. Disposal consideration

Gypsum, the main raw material for plasterboard, is a sulphate but is classified as non-hazardous. Waste from gypsum plasterboard products is fully recyclable. For more information contact the British Gypsum Plasterboard Recycling Service Team on 0800 633 5040 or visit the British Gypsum website at [www.british-gypsum.com](http://www.british-gypsum.com).

### 14. Transport information

Not classified as hazardous for transportation.

### 15. Regulatory information

Not classified under the CHIP regulations.

### 16. Other information

Control of Substances Hazardous to Health Regulations  
The Manual Handling Operations Regulations  
HSE Guidance Note EH40: Workplace Exposure Limits  
Gypsum Wastes – Environment Agency Information Sheet  
The British Gypsum **WHITE BOOK**  
The British Gypsum **SITE BOOK**  
The British Gypsum website: [www.british-gypsum.com](http://www.british-gypsum.com)

**Note to user:** This Safety Data Sheet does not constitute a workplace risk assessment for COSHH.

There are a number of situations where the approach to manual handling of British Gypsum products should be considered. For further guidance, please refer to the Manual Handling Section of the **SITE BOOK** or the Manual Handling Guide, available to download from [www.british-gypsum.com](http://www.british-gypsum.com).

Date of previous version: December 2011.

"Gyproc", "Thistle", "Gypframe" and "Glasroc" are all registered trademarks of BPB United Kingdom Limited. Isover is a registered trademark of Saint-Gobain Isover and "Artex" is a registered trademark of Artex Limited.

BPB United Kingdom Limited is a limited company registered in England under company number 734396, having its registered office at Saint-Gobain House, Binley Business Park, Coventry, CV3 2TT, UK. BPB United Kingdom Limited trades as British Gypsum for part of its business activities.

British Gypsum reserves the right to revise product specification without notice. The information herein should not be read in isolation as it is meant only as guidance for the user, who should always ensure that they are fully conversant with the products and systems being used and their subsequent installation prior to the commencement of work. For a comprehensive and up-to-date library of information visit the British Gypsum website at: [www.british-gypsum.com](http://www.british-gypsum.com). For information about products supplied by Artex Limited or Saint-Gobain Isover please see their respective websites.

The British Gypsum logo is a registered trademark of BPB United Kingdom Limited.

**Telephone: 0844 800 1991**

**Fax: 0844 561 8816**

**Email: [bgtechnical.enquiries@bpb.com](mailto:bgtechnical.enquiries@bpb.com)**

**Training enquiries: 0844 561 8810**



EMS 543324 FM 550533

© British Gypsum July 2013 SDS-031-02

[www.british-gypsum.com](http://www.british-gypsum.com)

 **British Gypsum**  
SAINT-GOBAIN